

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1.-31. (Canceled)

32. (Currently Amended) A color facsimile apparatus comprising:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

embedding overwriting means for embedding overwriting transmission information for a header or footer in a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit in which the transmission information should be embedded overwritten;

compressing means for executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is embedded overwritten after embedding overwriting the transmission information by said embedding overwriting means;

storing means for storing compressed data by said compressing means in a memory; and

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory.

33. (Previously Presented) A color facsimile apparatus according to claim 32, further comprising buffering means for successively storing the image data generated by said generating means in a buffer, and

wherein said extracting means extracts data of a predetermined number of lines corresponding to a unit from the buffer.

34. (Currently Amended) A color facsimile apparatus according to claim 32, further comprising determining means for determining whether the unit of the extracted data is the unit in which the transmission information should be embedded overwritten, and

wherein said embedding overwriting means embeds overwrites the transmission information in the unit of the extracted data according to a determination of said determining means.

35. (Previously Presented) A color facsimile apparatus according to claim 32, wherein the transmission information indicates at least one of a date, a time, and a number of pages.

36. (Currently Amended) A color facsimile apparatus comprising:
reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

compressing means for executing JPEG compression processing for each unit of the extracted data;

storing means for storing compressed data by said compressing means in a memory;

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory; and

~~embedding~~ overwriting means for ~~embedding~~ overwriting transmission information for a header or footer in a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit in which the transmission information should be ~~embedded~~ overwritten before said compressing means executes the JPEG compression processing.

37. (Currently Amended) A controlling method of a color facsimile apparatus, comprising the steps of:

reading an image;

generating image data representing the image;

extracting data from the image data in minimum processing units for JPEG compression processing;

embedding overwriting transmission information for a header or footer in a unit of extracted data extracted in said extracting step when the unit of the extracted data is a unit in which the transmission information should be embedded overwritten;

executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is embedded overwritten after embedding overwriting the transmission information in said embedding overwriting step;

storing compressed data in a memory; and
transmitting a JPEG image data based on the compressed data stored in the memory.

38. (Currently Amended) A controlling method of a color facsimile apparatus, comprising the steps of:

reading an image;
generating image data representing the image;
extracting data from the image data in minimum processing units for JPEG compression processing;
executing JPEG compression processing for each unit of the extracted data;
storing compressed data in a memory;
transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory; and

embedding overwriting transmission information for a header or footer in a unit of extracted data extracted in said extracting step when the unit of the extracted data is a unit in which the transmission information should be embedded overwritten before executing the JPEG compression processing.

39. (Currently Amended) A storage medium storing a program for causing a computer to function as the following means in a color facsimile apparatus:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

embedding overwriting means for embedding overwriting transmission information for a header or footer in a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit in which the transmission information should be embedded overwritten;

compressing means for executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is embedded overwritten after embedding overwriting the transmission information by said embedding overwriting means;

storing means for storing compressed data by said compressing means in a memory; and

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory.

40. (Currently Amended) A storage medium storing a program for causing a computer to function as the following means in a color facsimile apparatus:

reading means for reading an image;
generating means for generating image data representing the image;
extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;
compressing means for executing JPEG compression processing for each unit of the extracted data;
storing means for storing compressed data by said compressing means in a memory;
transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory; and
~~embedding overwriting~~ means for ~~embedding overwriting~~ transmission information for a header or footer in a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit in which the transmission information should be ~~embedded overwritten~~ before said compressing means executes the JPEG compression processing.